



Wireless Transmission



Ultrasonic Technology



Remote Monitoring

Smart Ultrasonic Waste Bin Sensor

Low power wireless module: NB-IoT, LoRaWAN, Sigfox

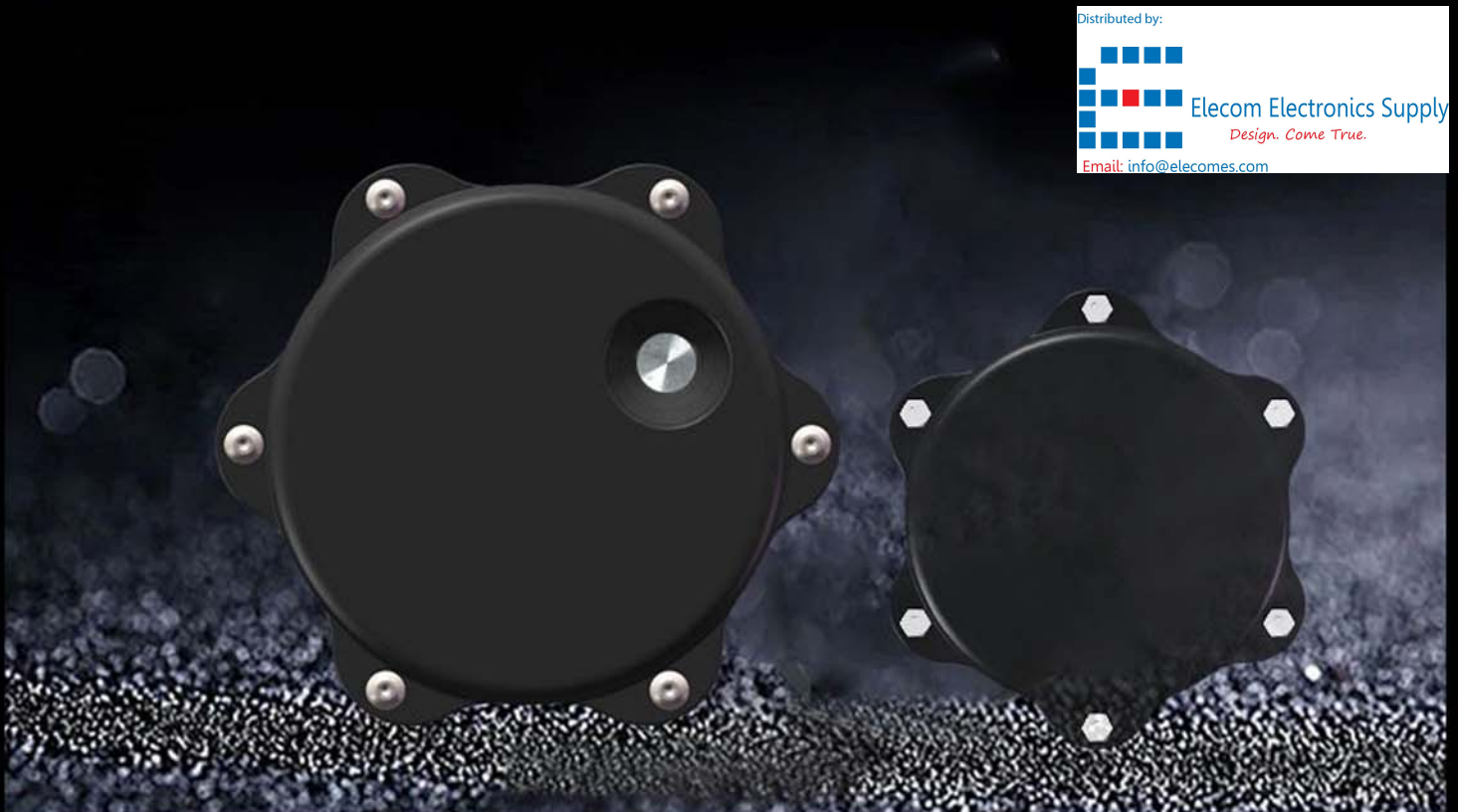
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Easy Installation



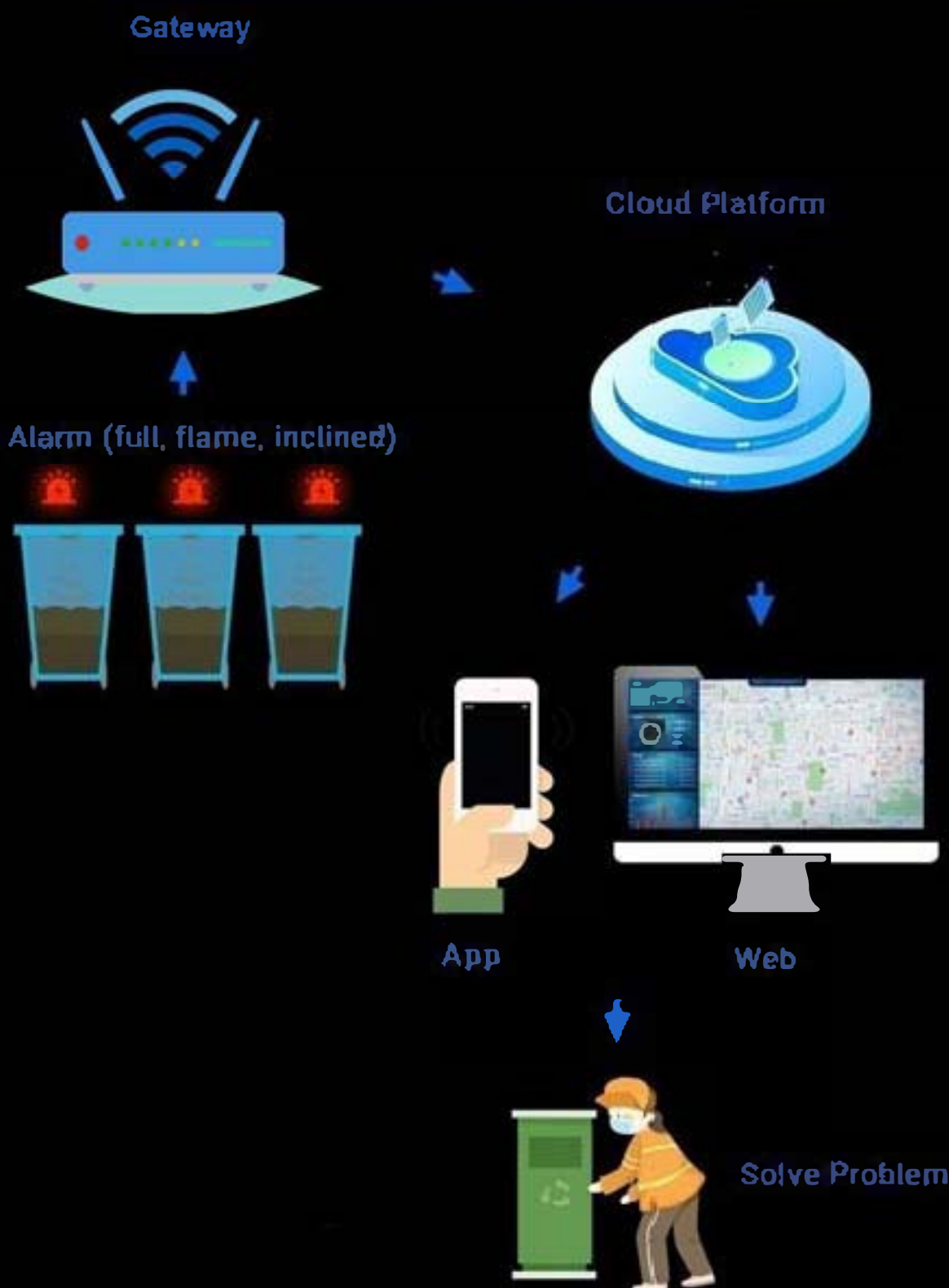
Ultra Low Power



Suitable for All Trash Cans

Smart Waste Bin Sensor DF703 can be used to detect trash bin's full-empty state, fire hazard, or lodging state. Through the built-in lowpower wireless modules. Users can monitor the waste bins' status remotely.

【 解决方案 (Solution) 】



【 产品参数 (Product parameters) 】

(Basic Information)

Dimension: 115*115*40mm

Net Weight: 240g

Color: Black

Shell material: ABS

(Detector)

Principle: Ultrasonic

Angle error : 2°

Height error : 3mm

Detection Range : 4m

(Controller)

MCU : STM32, 32bit ARM® core controller

(Frequency)

LoRaWAN CN470/EU868/US915/AS923Mhz. etc

(Battery)

No rechargeable lithium battery ER18505M 7000mAh@3.6V

Battery Life: More than 3 years

(Environment)

Operation Temperature : -20 ~ +70°C

Storage Temperature : -40 ~ +85°C

Waterproof Level: IP68

【 产品平台(Product platform) 】



1. Operation Overview
2. Equipment Management
3. Performance Appraisal
4. Analysis and Prediction



Real time display of garbage cans' status , improve clearing efficiency highly

【 应用案例(Application cases) 】

